

**Form: Request to Speak to Committee of Council**

Submitted on Sunday, March 1, 2020 - 5:28 am

==Committee Requested==

**Committee:** Waste Management Advisory Committee

==Requestor Information==

**Name of Individual:** Femi Afolabi

**Name of Organization:** Revelations Products

**Contact Number:** 9053615836

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**Mailing Address:** [REDACTED]

**Reason(s) for delegation request:**

I would like to request a meeting with the Mayor (or appropriate staff/committee member) pertaining to a sustainability program that could significantly reduce the number of disposable cutleries that are used in Hamilton and end up as waste in landfills, or are incinerated. Currently, plastic cutleries being used in public dining areas often in malls, high schools, and fast food outlets are obtained from petroleum sources through unsustainable production practices, and often after a single use trashed, as they cannot be recycled. Even compostable plastic cutleries need to be processed specially in order to decompose within months, otherwise they do not provide the intended benefits and can even contaminate recycled plastic feeds (Please review the CBS News Investigation in this YouTube link:

<https://www.youtube.com/watch?v=8qCtfkTJxbQ&feature=youtu.be&t>).

These practices are not sustainable as landfill space is limited, and the option of incineration poses its own environmental challenge.

The eco-friendly program, Revelations' Disposable Cutlery Sustainability Program, being offered by Revelations Products in Mississauga, aims to reduce plastic waste and can be implemented without processing costs to the city. Through this program, businesses are supplied with compostable cutleries made from raw materials obtained from crops.

Revelations collects and converts the used cutleries to compost within our facility. This compost is used on local farms to grow crops.

Our goal is to have the program running in Southern Ontario by spring 2020, however, participation by a certain number of cafeterias and fast food outlets will be important in reaching this goal. Despite the program being simple to implement and our compostable cutleries' cost being competitive with costs of other disposable cutleries currently in use, our local marketing efforts have been challenging as several of the relevant local businesses contacted are not showing interest / willing to take any action to address this sustainability issue.

I will like to seek the assistance of the Mayor's office in helping to bring this issue to light, and promote our simple sustainable business idea which helps to protect our environment, and could help the city realize significant sustainability goals. Perhaps with this assistance, it would be possible to introduce these sustainable cutleries to those public dining areas in which the Mayor's office has influence.

This assistance could be in the form of simply networking and making recommendations. Kindly advise me on next steps in raising this issue with the Mayor.

**Will you be requesting funds from the City? No**

**Will you be submitting a formal presentation? Yes**



# DISPOSABLE CUTLERY SUSTAINABILITY PROGRAM



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**Revelations Products**  
**[www.revelationsproducts.com](http://www.revelationsproducts.com)**  
1102 Orchard Road  
Mississauga, Ontario L5E 2N9, Canada  
Phone: (905) 361-5836



## Introduction

*Revelations' Disposable Cutlery Sustainability Program* is a new environmentally sustainable approach to providing disposable plastic cutlery to restaurants in Southern Ontario. This program begins with the growing of crops for plastic manufacture, converting the plastic raw material (made from crops) into disposable cutlery, collecting and converting used cutlery into compost, and returning the compost to farms where it is used to grow more crops. Even compostable plastic cutleries need to be processed specially in order to decompose within months, otherwise they do not provide the intended benefits and can even contaminate recycled plastic feeds.

A CBS News Report studied the path of several used compostable cutleries in the United States, and found that these cutleries were ending up in landfills. Although compostable, these cutleries still need to be processed in certain conditions to biodegrade and become the eco-friendly solutions intended. Revelations' program involves collecting the used compostable cutleries and converting them to compost within our facility. The CBS News Report can be accessed on You Tube (Compostable utensils: Not quite what they claim to be) at this link:

<https://www.youtube.com/watch?v=8qCtfkTJxbQ>



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## Benefits of Revelations' Disposable Cutlery Sustainability Program

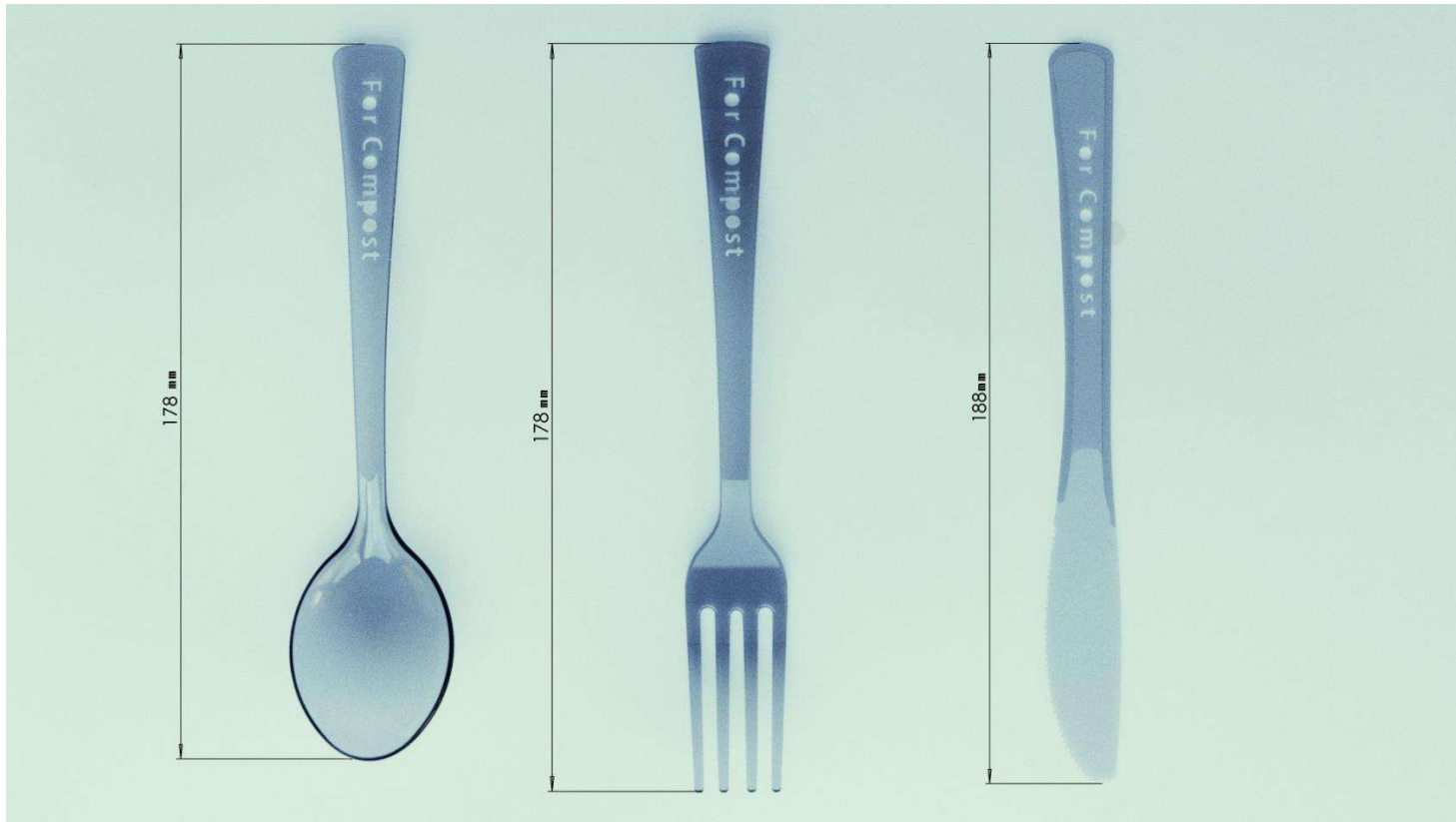
- Revelations manufactures and supplies restaurants with **disposable cutleries that can be composted, at competitive prices** to other disposable cutleries that typically end up in landfills or incinerated thereby polluting the air.
- Eco-friendly cutleries are made from crops (potatoes, sugar cane, corn, wood bark, or corn husk), and **are not petroleum-derived products**.
- Restaurant guests are encouraged to dispose of their used cutlery in Revelations' specially-marked Collection Boxes. Used cutlery are regularly picked up and converted into compost at Revelations' facility. This compost is supplied to farms for use in growing new crops. This helps restaurants move towards **more environmentally-friendly operations**.
- Customers enjoy **cost savings from our free delivery and collection services** in Southern Ontario.
- Revelations' used cutlery collection boxes and bags help to **reduce customers' waste**.
- Revelations' cutlery sets are **available in several colors**.

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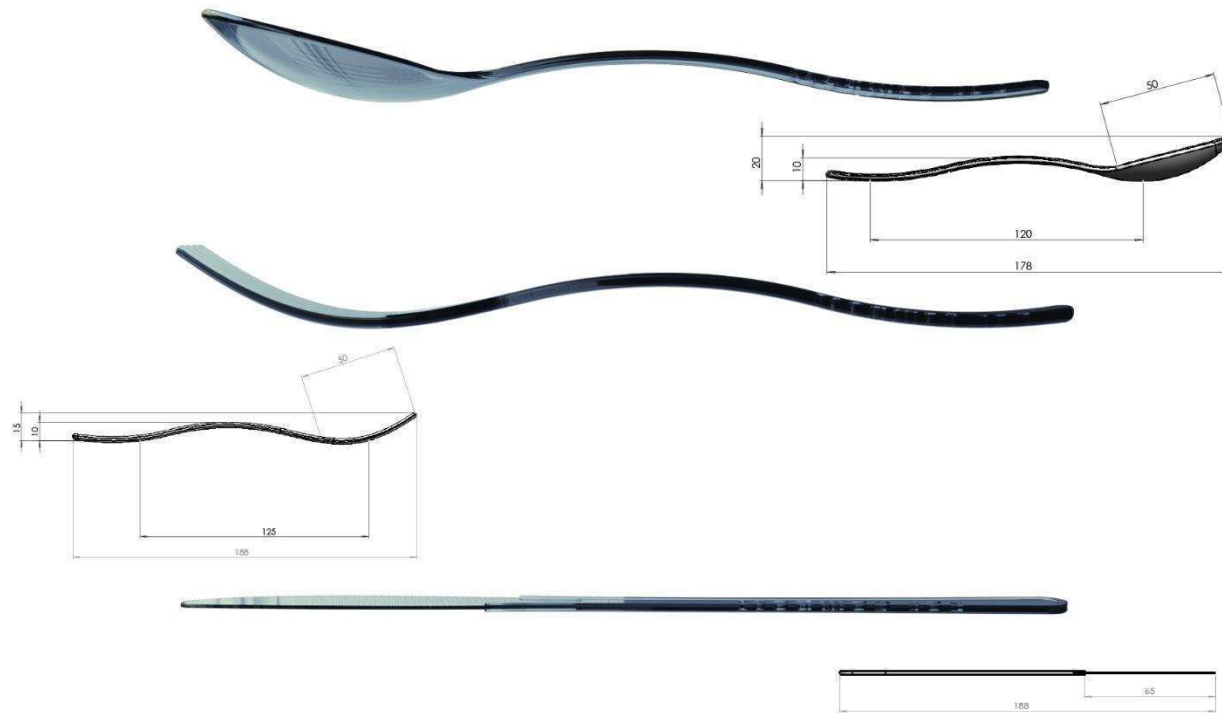


## MEASUREMENTS IN MILLIMETERS (MM)



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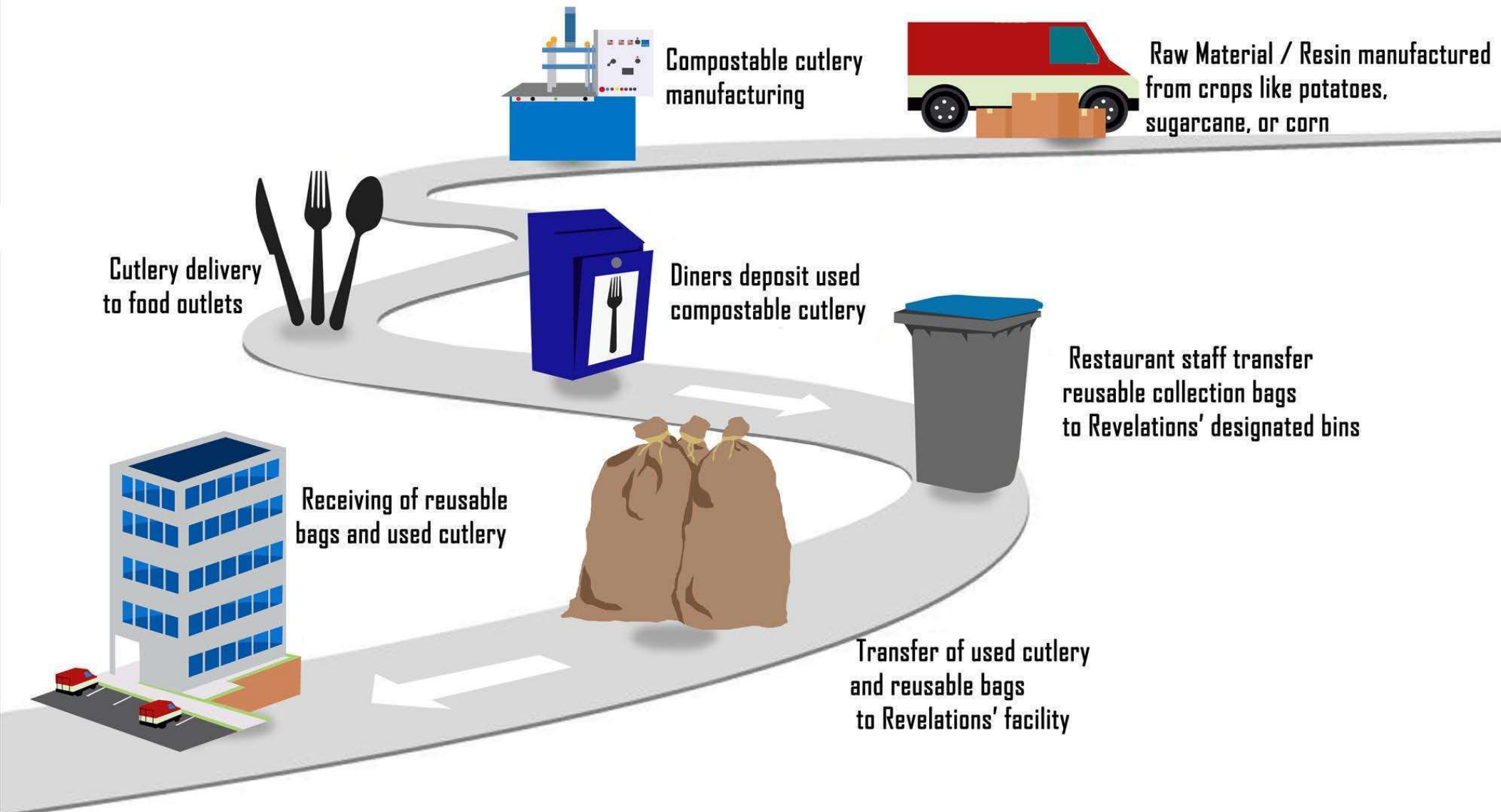


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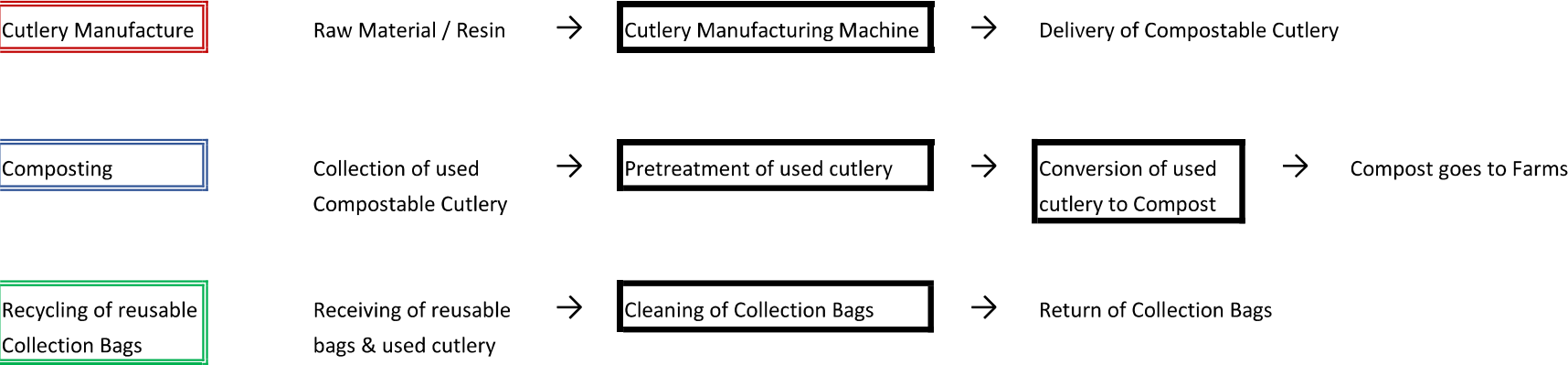
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# Schematic of Revelations' Operations



Facility Processes





## Revelations' Cutlery Program Pricing

### Supplies

- |  |  |
|--|--|
| • Box of 500 each (Forks, Spoons, or Knives)                       | \$35 per box                                   |
| • Used Cutlery Collection Boxes (with Artwork)                     | \$25 per box                                   |
| • Bundle of reusable Burlap collection bags (25 each per bundle)   | \$50 per bundle<br>(\$4 each for replacements) |
| • Eco-friendly plastic-free dental floss (for cafeteria customers) | \$0 (no charge)                                |

### Note:

- Taxes are extra
- Free delivery (delivery charge applicable if more than 1 visit in a 2-week period)

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## Revelations' Cutlery Program Pricing (for Retailers)

*Revelations' Disposable Cutlery Sustainability Program* can also supply retailers with our compostable cutlery at wholesale prices. In this option, the compostable cutleries are offered in eco-friendly packaging. Customers living in municipalities that support our program simply dispose of used cutleries with their garbage or recycle items. These used cutleries are collected from the municipal waste collection centers for composting.

### Supplies

- Packages of 15 each (Forks, Spoons, Knives, or combinations) \$1 per package

### Note:

- Taxes are extra
- Free delivery (delivery charge applicable if more than 1 visit in a 2-week period)

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